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(54) Title: METHOD OF DEINKING

(57) **Abstract:** A method of deinking printed paper comprises pulping the paper to form an aqueous slurry, adding a deinking additive to the paper, and removing detached ink by flotation, wherein the additive comprises an organo-modified siloxane comprising units of the formula: $[R^1_aZ_bSiO_{(4-a-b)y2}]_n$ in which each R^1 is independently selected from a hydrogen atom, an alkyl, aryl, alkenyl, aralkyl, alkaryl, alkoxy, alkanoyloxy, hydroxyl, ester or ether group; each Z is independently selected from an alkyl group substituted with an amine, amide, carboxyl, ester, or epoxy group, or a group $-R^2-(OC_pH_{2p})_q(OC_rH_{2r})_s-R^3$; n is an integer greater than 1; a and b are independently 0, 1, 2 or 3; R^2 is an alkylene group or a direct bond; R^3 is a group as defined for R^1 or Z above; p and r are independently an integer from 1 to 6; q and s are independently 0 or an integer such that $1 \leq q + s \leq 400$; and wherein each molecule of the organo-modified siloxane contains at least one group Z .